

Converting Colors

YUV(177.9190, 19.7599, 8.8410)

Have a look what the booklet for
YUV(177.9190, 19.7599, 8.8410)
contains.

YUV(177.9190, 19.7599, 8.8410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.9190, 19.7599,
8.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA5DA
RGB	188, 165, 218
RGB Percent	74%, 65%, 85%
CMY	0.2627, 0.3529, 0.1451
CMYK	0.14, 0.24, 0.00, 0.15
HSL	266°, 42%, 75%
HSV	266°, 24%, 85%
XYZ	46.8491, 42.6636, 72.0954
YIQ	177.9190, -3.3050, 21.3590

Conversions

Conversions Part 2

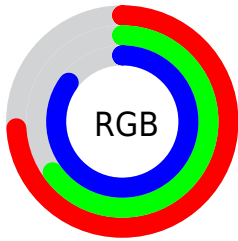
Format	Color
RYB	188, 165, 218
Decimal	12363226
CIELab	71.33, 18.56, -23.76
CIELCh	71, 30.147, 307.996
Yxy	42.6636, 0.2899, 0.2640
Android (android.graphics.Color)	4290553306 (0xFFBCA5DA)
YUV	177.9190, 19.7599, 8.8410
Hunter-Lab	65.3174, 13.7242, -19.7204

Details

The YUV color **177.9190, 19.7599, 8.8410** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205.0810, -19.7599, -8.8410**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.4650, 11.6028, 11.8702**, and **124.9790, 18.7444, 7.9114** is the 20% darker color. If you saturate the color by 10%, you get **161.4170, 27.8954, 12.7893**, and if you desaturate by 10%, it is **194.4210, 11.6244, 4.8928**.

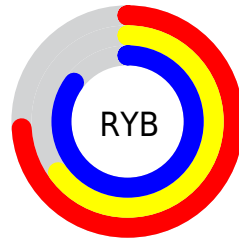
Distribution



Red (74%)

Green (65%)

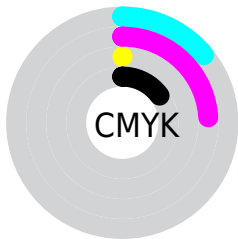
Blue (85%)



Red (74%)

Yellow (65%)

Blue (85%)

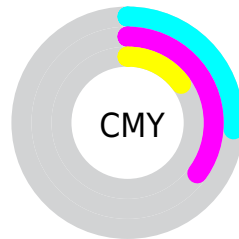


Cyan (14%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (26%)

Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9190, 19.7599, 8.8410 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 177.9190, 19.7599, 8.8410 by changing the saturation by 10% instead.

■ 177.9190, 19.7599,
8.8410

■ 177.9190, 19.7599,
8.8410

■ 255.0000, 0.0000,
0.0000

■ 151.3920, 19.0337,
8.4262

■ 231.4650, 11.6028,
11.8702

■ 124.9790, 18.7444,
7.9114

■ 251.4780, 1.7363,
3.0888

■ 99.5660, 18.4550,
7.3966

■ 75.9250, 17.2920,
7.0818

■ 52.9850, 16.2764,
6.1522

■ 31.1590, 15.6976,
5.1226

■ 10.3550, 15.1080,

7.5817

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 177.9190, 19.7599,
8.8410

■ 177.9190, 19.7599,
8.8410

■ 161.4170, 27.8954,
12.7893

■ 194.4210, 11.6244,
4.8928

■ 144.6160, 36.1783,
16.1228

■ 211.2220, 3.3416,
1.5593

■ 128.7010, 44.0244,
19.5562

■ 227.1370, -4.5045,
-1.8741

■ 112.1990, 52.1599,
23.5045

■ 243.6390,
-12.6400, -5.8224

■ 95.3980, 60.4428,
26.8380

■ 249.2870,
-15.4245, 0.6253

■ 78.8960, 68.5783,
30.7862

■ 250.7820,
-16.1615, 3.6992

■ 62.3940, 76.7138,
34.7345

■ 53.2570, 81.2183,
36.6086

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.6810, 27.2723, -20.7682



177.9190, 19.7599, 8.8410



179.0870, 8.3381, 32.3727

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



177.9190, 19.7599, 8.8410



174.9660, -25.1262, 32.4788



160.8680, 9.9251, -56.8892

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



177.9190, 19.7599, 8.8410



205.0810, -19.7599, -8.8410

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



165.1730, -6.0013, -35.2317



177.9190, 19.7599, 8.8410



172.3180, -25.7928, 12.8761

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



177.9190, 19.7599, 8.8410



176.8070, -17.1599, 44.0193



169.2980, -18.8809, -10.7853



160.3800, 23.4767, -63.4773

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.9190, 19.7599, 8.8410



178.2640, -0.1302, 41.8645



169.2980, -18.8809, -10.7853



162.5330, 4.6672, -50.4564

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



177.9190, 19.7599, 8.8410



241.4440, 6.6831, 3.1186



188.6520, 14.4686, -20.7428



119.7490, 4.0677, 1.9741



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



177.9190, 19.7599, 8.8410



199.0040, 27.6060, 12.2745



185.6930, 15.9274, 24.8252



101.4500, 4.2151, 1.3593



42.1470, 64.5105, 28.8121



11.2240, 17.1446, 7.6966

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



184.2670, 5.2914, 29.5838



207.9140, 7.4374, 41.2944



197.3070, -15.9274, -24.8252



102.9730, 0.9993, 6.1627



62.8990, 17.3048, 96.5586



16.7180, 4.5760, 25.6803

Previews

White Background



This preview shows how the YUV color 177.9190, 19.7599, 8.8410 looks on a white background.

Color Contrast Check

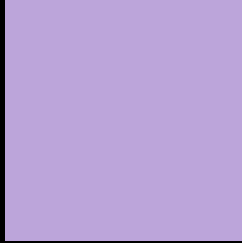
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 177.9190, 19.7599, 8.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.9190, 19.7599, 8.8410

Background



This preview shows how black text looks on a background with the YUV color 177.9190, 19.7599, 8.8410.



This preview shows how white text looks on a background with the YUV color 177.9190, 19.7599, 8.8410.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

177.9190, 19.7599, 8.8410

Protanopia

175.5250, 23.8982, -11.8614

Deuteranopia

175.9450, 20.2401, -5.2138



Tritanopia

175.8850, 4.4937, 5.3629

Trichromacy



Original Color

177.9190, 19.7599, 8.8410

Protanomaly

176.2270, 22.5661, -4.5841

Deuteranomaly

176.8640, 19.7870, 0.1193

Tritanomaly

176.6770, 10.0192, 6.4223

Monochromacy



Original Color

177.9190, 19.7599, 8.8410

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.9710, 7.4093, 3.5334

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9190, 19.7599, 8.8410 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 165, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 165, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 165, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 165, 218) }
```

Border

The CSS property to change the border of an element to YUV 177.9190, 19.7599, 8.8410 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 165, 218) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 165, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 165, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 165, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 165, 218);  
box-shadow:4px 4px 4px 4px rgb(188, 165,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 177.9190, 19.7599, 8.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 165, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
165, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor